

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the instant application:

Listing of Claims

Claims 1-45 (Canceled)

46. (new) A method for abrading human or animal tissue comprising abrading the tissue with a bioactive material which comprises between about 30% and about 96% by weight of silicon dioxide oxide (SiO_2), between about 0% and about 35% by weight of sodium oxide (Na_2O), between about 4% and about 46% by weight calcium oxide (CaO), and between about 1% and about 15% by weight phosphorus oxide (P_2O_5).

47. (new) The method of claim 46, wherein the bioactive material comprises a zinc-releasing compound.

48. (new) The method of claim 46, wherein the bioactive material comprises a silver-releasing compound.

49. (new) The method of claim 46, wherein the bioactive material comprises a copper-releasing compound.

50. (new) The method of claim 46, wherein the bioactive material comprises a magnesium-releasing compound.

51. (new) The method of claim 46, wherein the bioactive material comprises mineral salts or oxides selected from the group consisting of copper, zinc, silver and magnesium.

52. (new) The method of claim 46, wherein the bioactive material provides an anti-inflammatory effect.

- 53. (new) The method of claim 46, wherein the bioactive material provides an anti-microbial effect.
- 54. (new) The method of claim 46, wherein the bioactive material provides an anti-oxidant effect.
- 55. (new) The method of claim 46, wherein the bioactive material accelerates or improves wound healing.
- 56. (new) The method of claim 46, wherein the animal tissue is human skin.
- 57. (new) The method of claim 46, wherein the bioactive material comprises powder mixtures which comprise inorganic bioactive material.
- 58. (new) The method of claim 46, wherein the bioactive material comprises small particles bonded to larger particles.